

FIG. 1

Applicant: Andrew James Cameron

Title: A METHOD FOR ANALYZING MATERIAL DENSITY VARIATIONS ON A MULTI-LAYER PRINTED CIRCUIT BOARD

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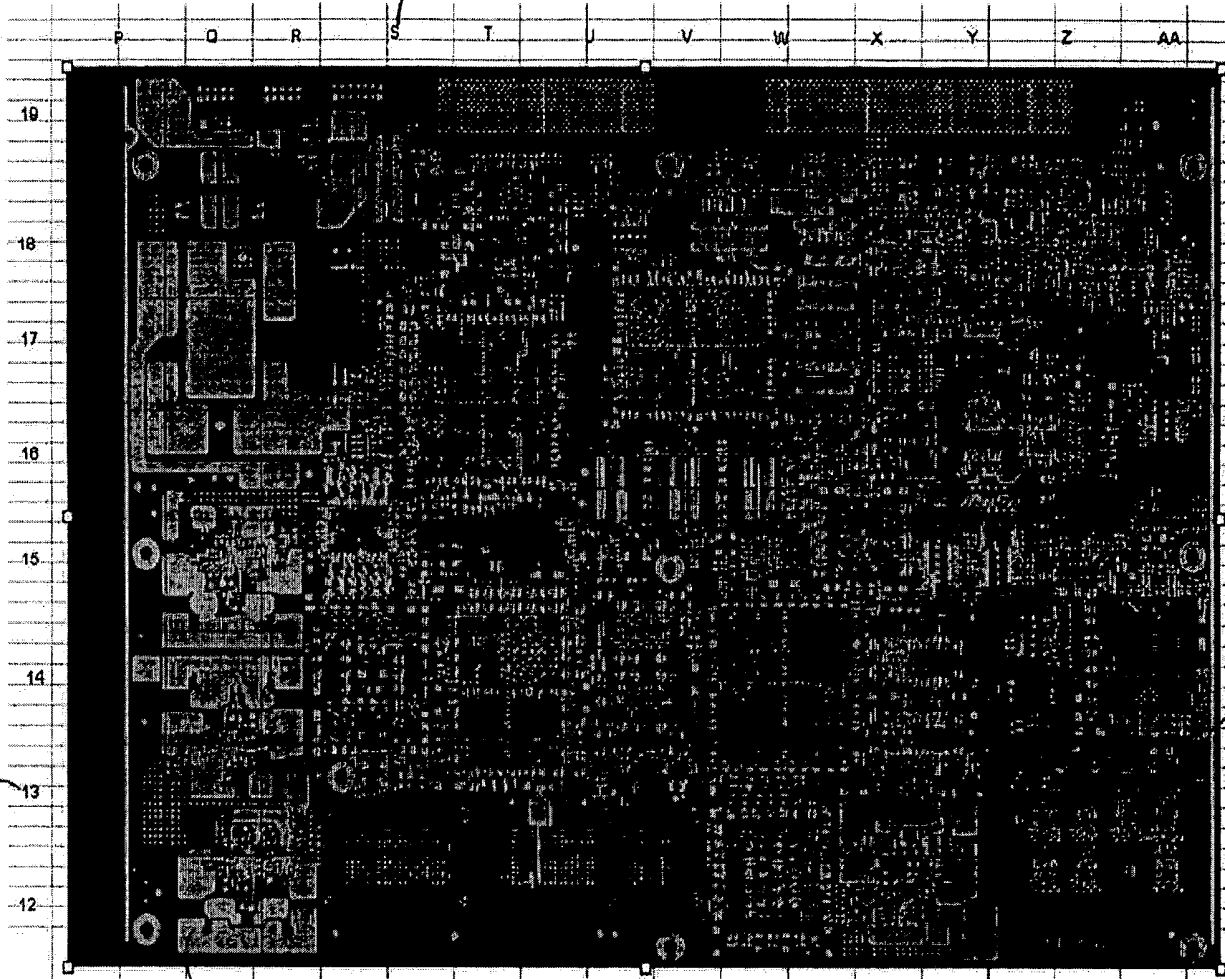


FIG. 2

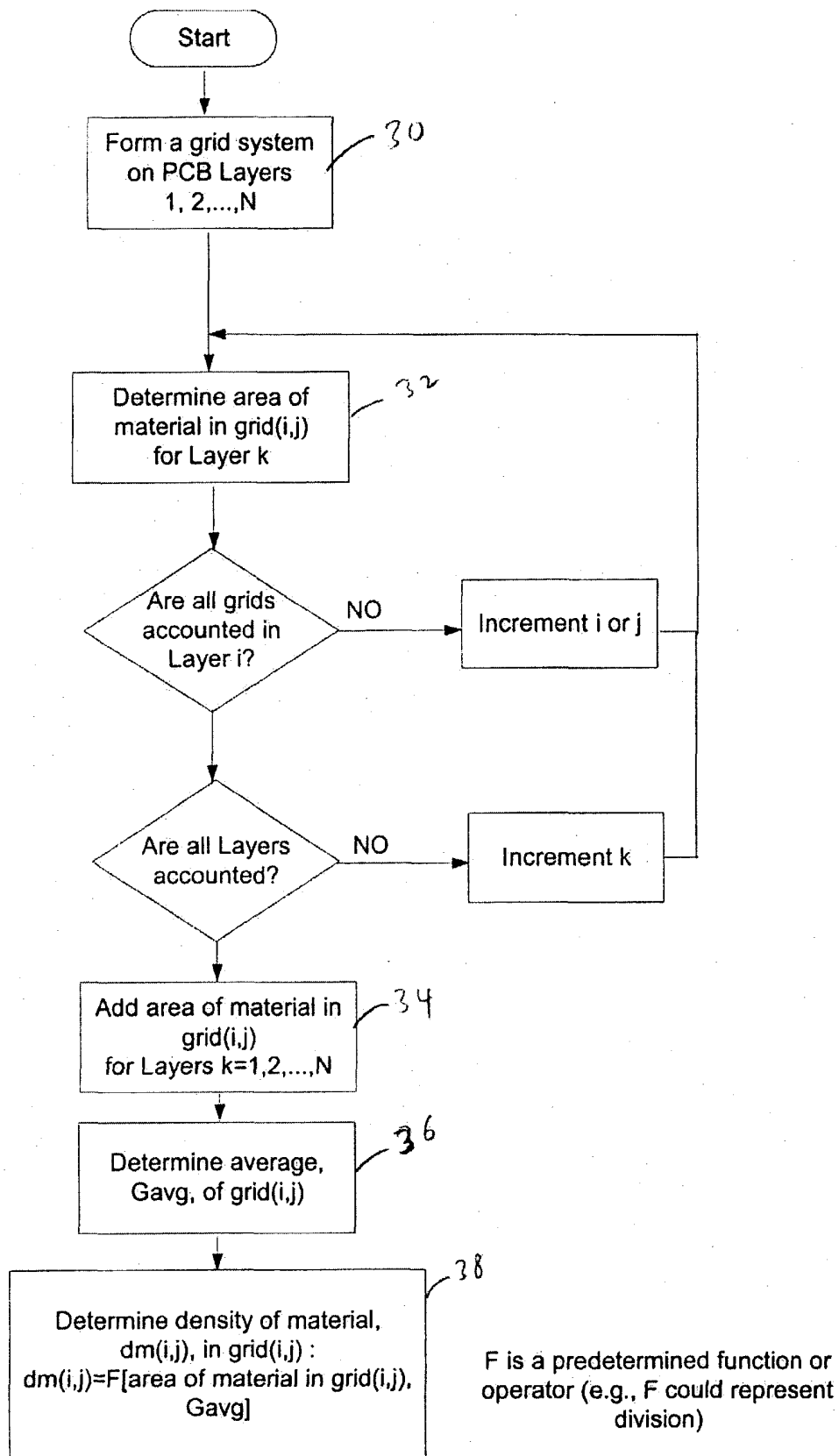
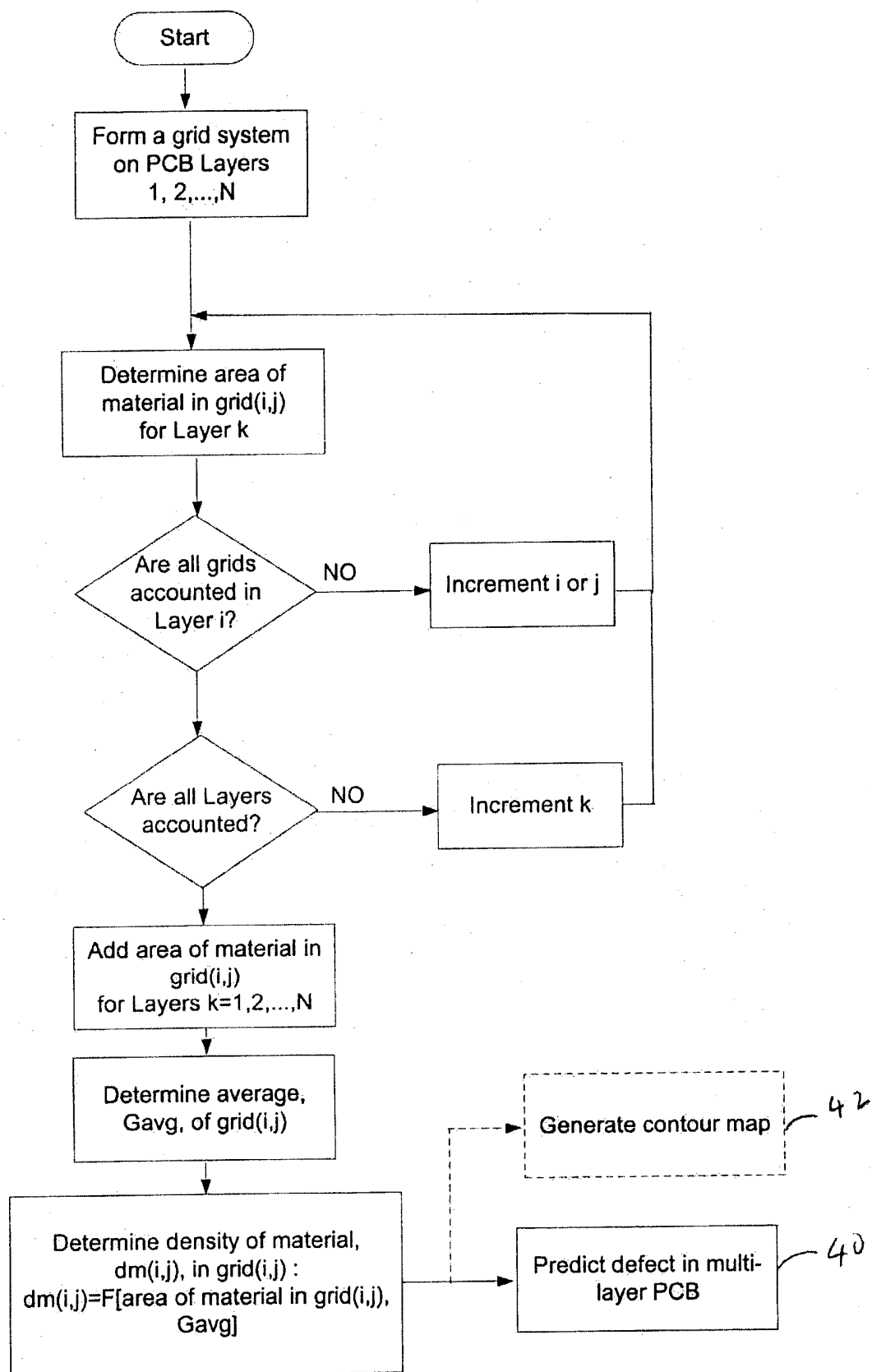


FIG. 3



F is a predetermined function or operator (e.g., F could represent division)

FIG. 4

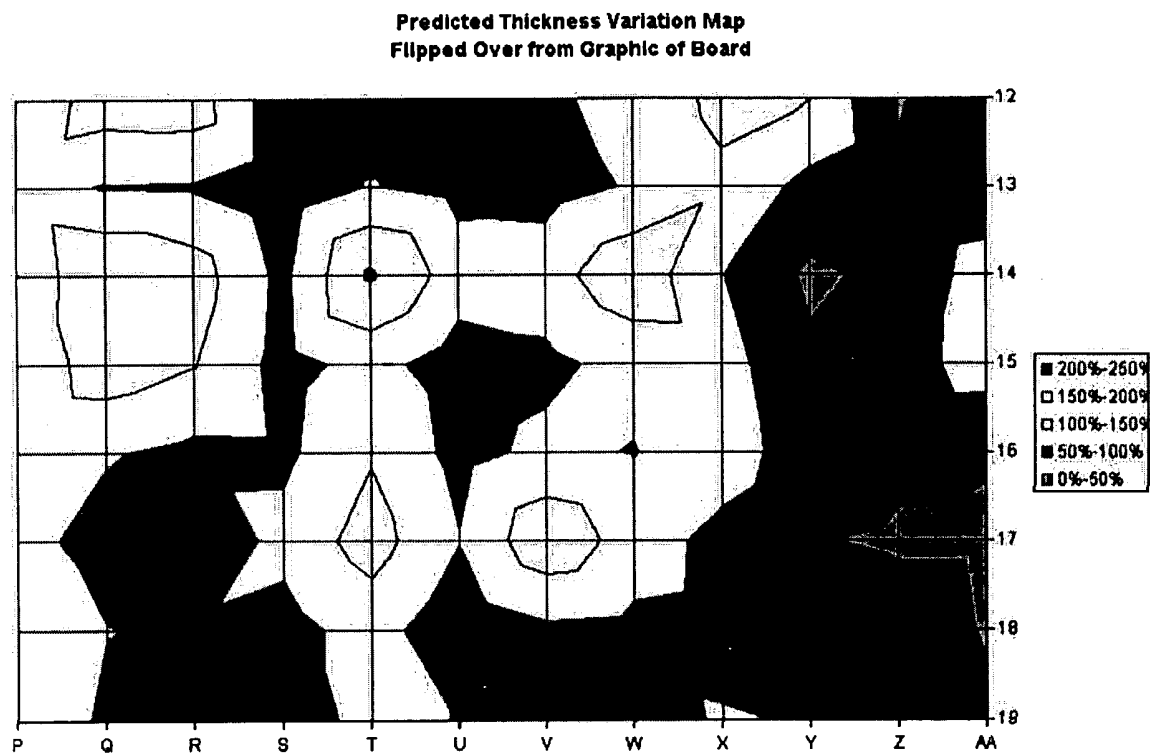


FIG. 5

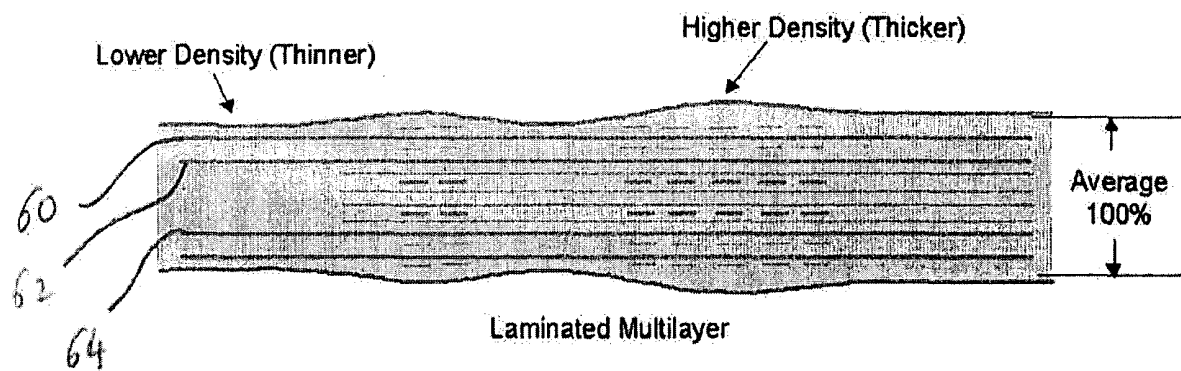


FIG. 6

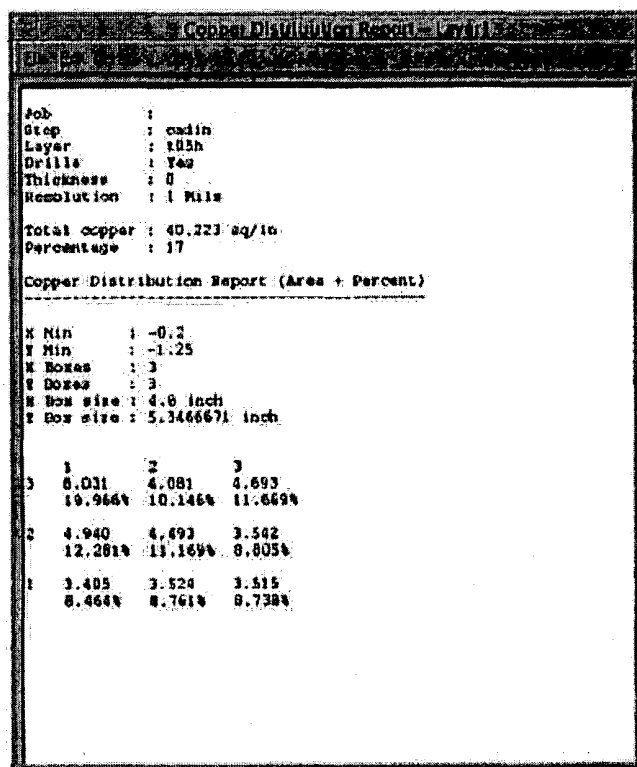
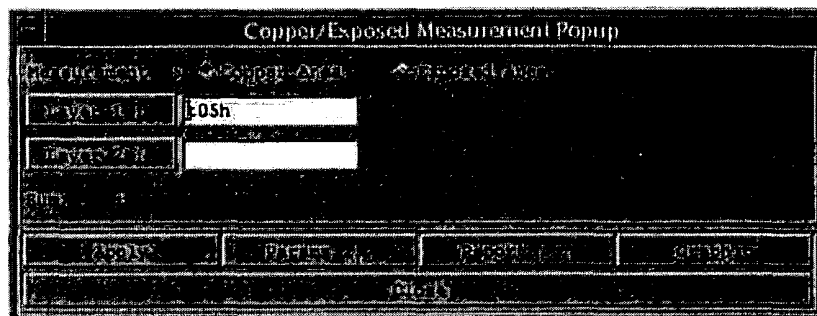


FIG. 7

FIG. 8

	P	Q	R	S	T	U	V	W	X	Y	Z	AA
19	135%	92%	81%	63%	121%	97%	46%	81%	104%	98%	57%	53%
18	136%	101%	94%	81%	122%	62%	92%	86%	78%	67%	60%	49%
17	114%	84%	63%	115%	172%	102%	188%	129%	82%	51%	47%	47%
16	100%	104%	88%	89%	146%	85%	111%	98%	132%	66%	55%	52%
15	107%	179%	153%	83%	116%	76%	88%	117%	121%	68%	76%	125%
14	103%	199%	175%	87%	207%	125%	128%	187%	102%	42%	61%	122%
13	115%	97%	96%	65%	103%	84%	79%	104%	140%	85%	53%	63%
12	108%	176%	180%	64%	69%	68%	94%	111%	163%	152%	48%	71%

FIG. 9